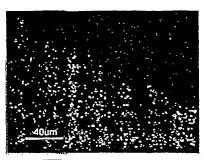
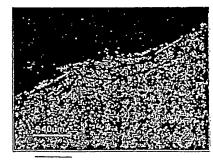
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FIG.1A



 $40 \,\mu$  m

FIG.1B



40 μ m

FIG.2A

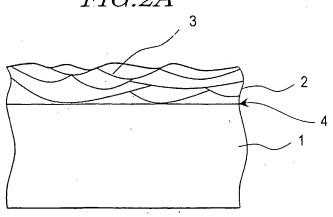
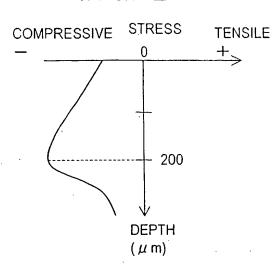


FIG.2B

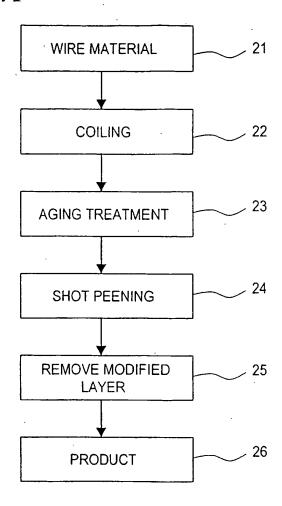


11s FIG.3A 10 11b 11a 11a

 $\begin{array}{c} FIG.3B \\ \text{COMPRESSIVE} & \text{STRESS (MPa)} \\ - & 270 & 0 & + \\ \hline & & 100 \\ \hline & & DEPTH \\ ( \mu \text{ m}) \end{array}$ 

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FIG.4



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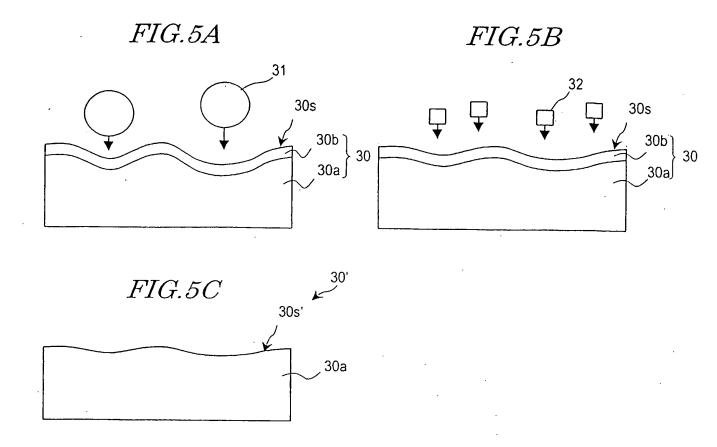
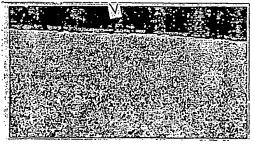


FIG.6A



 $\overline{25\,\mu}$  m

FIG.6B



 $25 \mu m$ 

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FIG.7

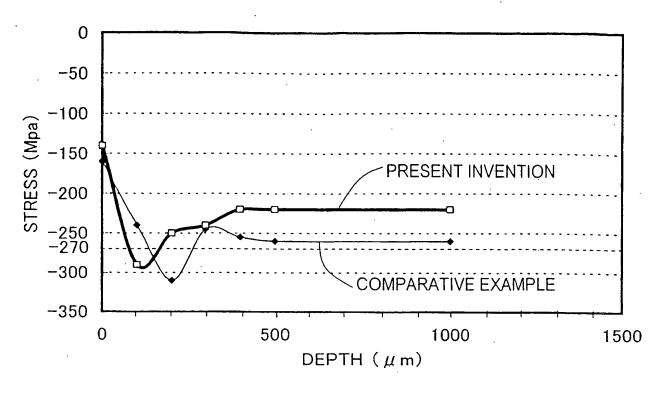
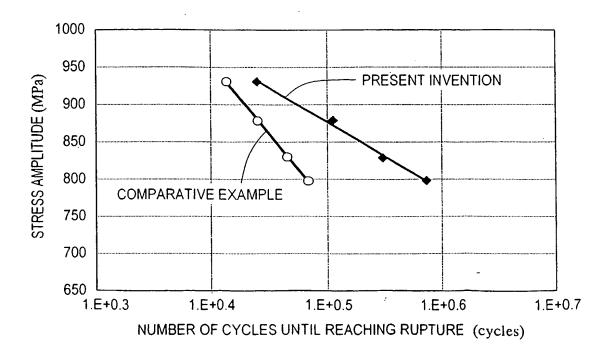


FIG.8



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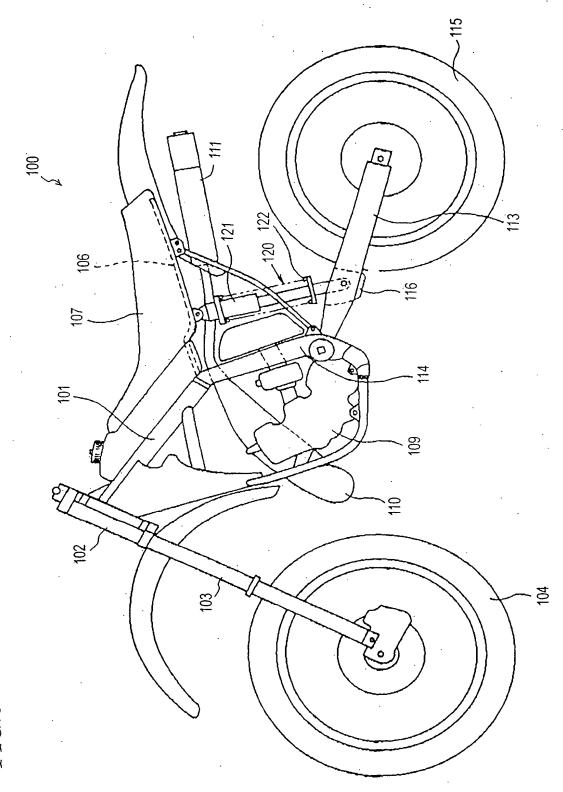


FIG.5

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## FIG.10

